



**US Army Corps
of Engineers®**

Detroit District
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6797
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L06-06

Date: 29 MARCH 2006

Waterway: LAKE SUPERIOR

Location: MINNESOTA-WISCONSIN

CELRE-OT-T

CONDITION OF FEDERAL NAVIGATION CHANNEL DULUTH-SUPERIOR HARBOR

1. The latest available condition surveys performed at Duluth-Superior Harbor, Minnesota and Wisconsin are generally as indicated on the following sheets.
2. All depths are referred to Low Water Datum 601.1 feet above Mean Sea Level at Rimouski, Quebec (IGLD, 1985).
3. Mariners are urged to use extreme caution in the area.
4. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L06-06. Internet address: <http://www.lre.usace.army.mil> Go to: Detroit Home Page, Who We Are, Operations Office Home Page.

DONALD P. LAUZON
Lieutenant Colonel, U.S. Army
District Engineer

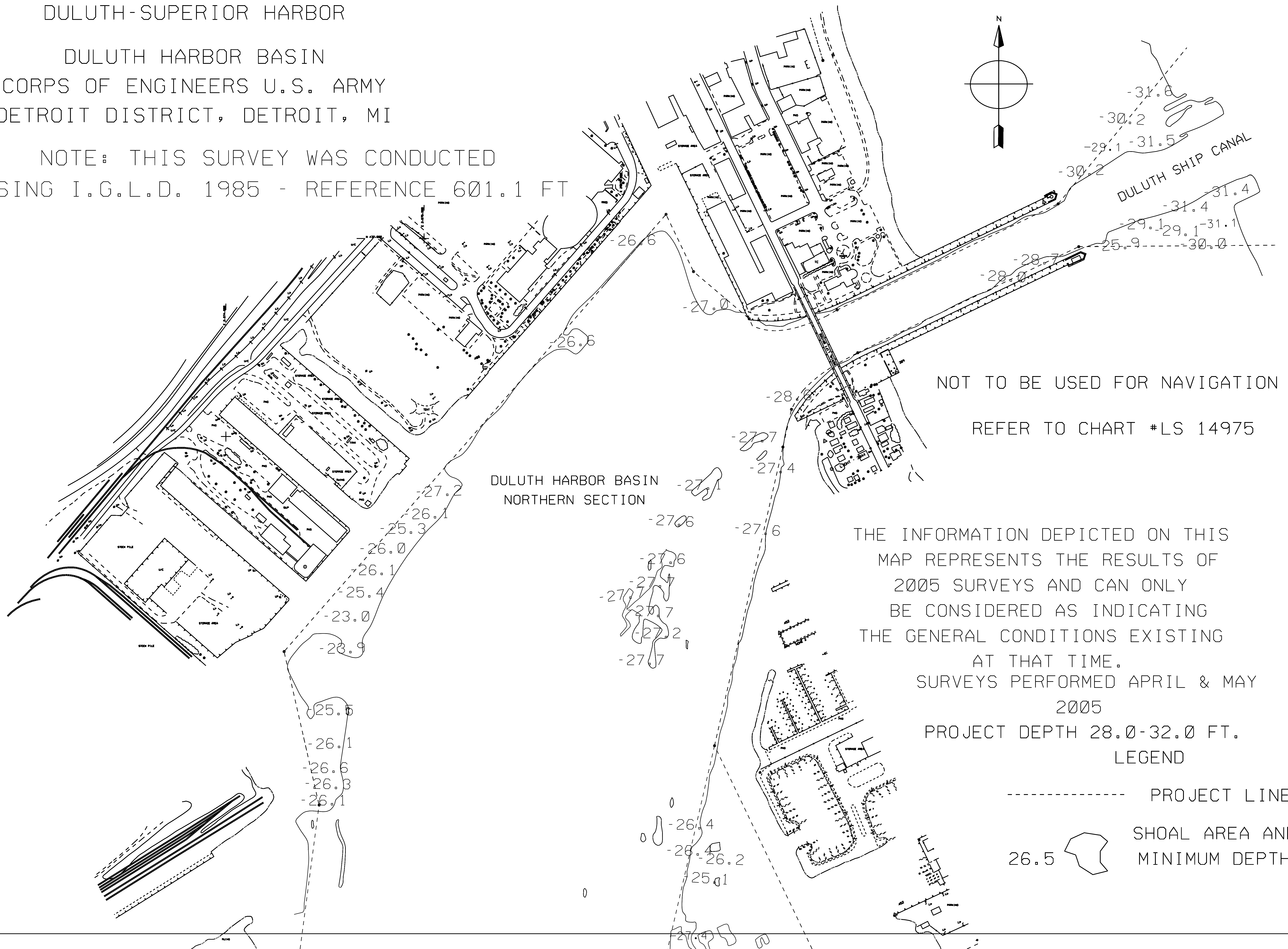
Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2006.

DULUTH-SUPERIOR HARBOR

DULUTH HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

NOTE: THIS SURVEY WAS CONDUCTED
USING I.G.L.D. 1985 - REFERENCE 601.1 FT



NOT TO BE USED FOR NAVIGATION

REFER TO CHART #LS 14975

THE INFORMATION DEPICTED ON THIS
MAP REPRESENTS THE RESULTS OF
2005 SURVEYS AND CAN ONLY
BE CONSIDERED AS INDICATING
THE GENERAL CONDITIONS EXISTING
AT THAT TIME.

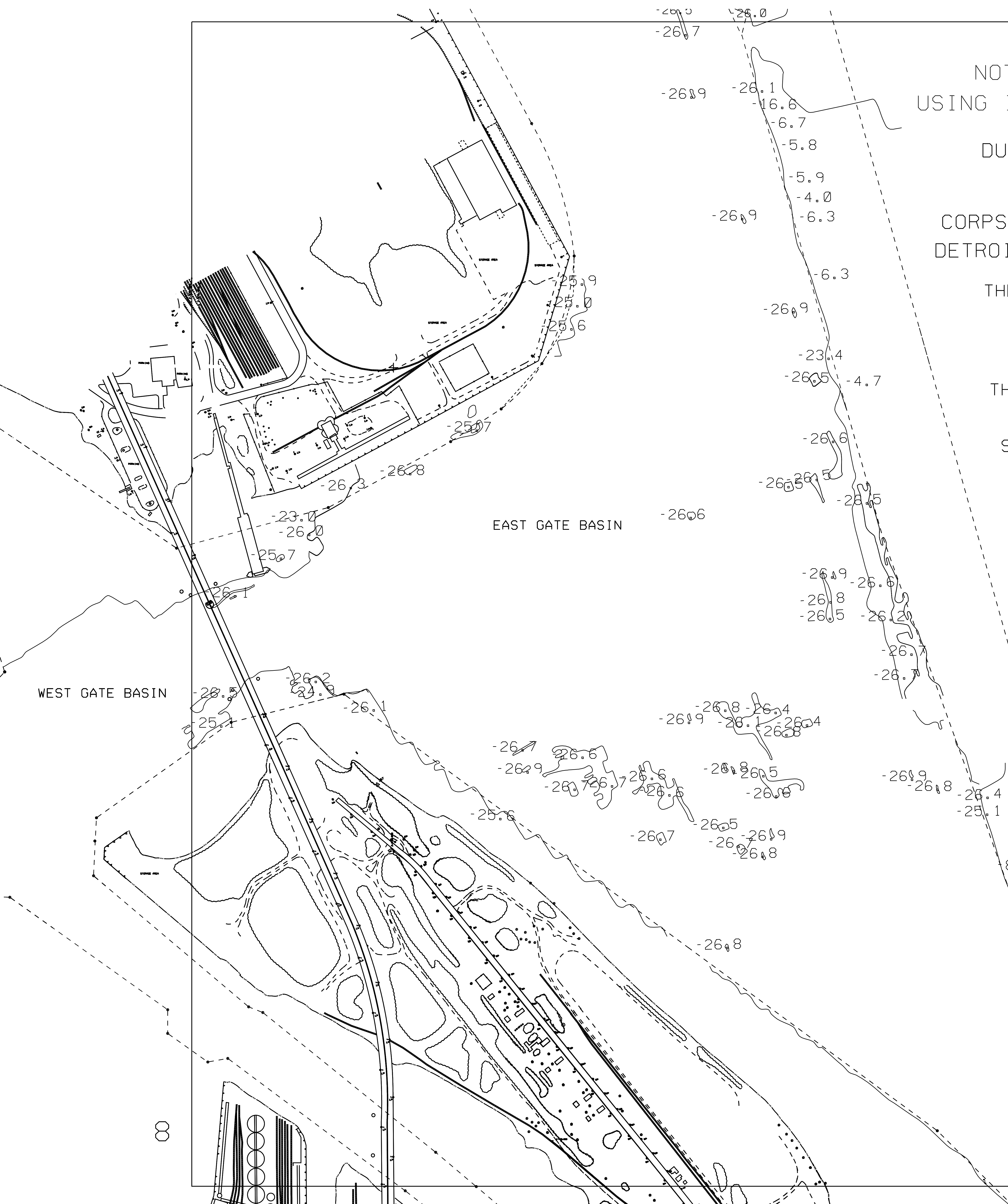
SURVEYS PERFORMED APRIL & MAY
2005

PROJECT DEPTH 28.0-32.0 FT.

LEGEND

----- PROJECT LINE
26.5 SHOAL AREA AND
MINIMUM DEPTH

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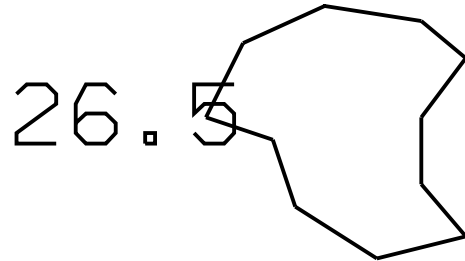


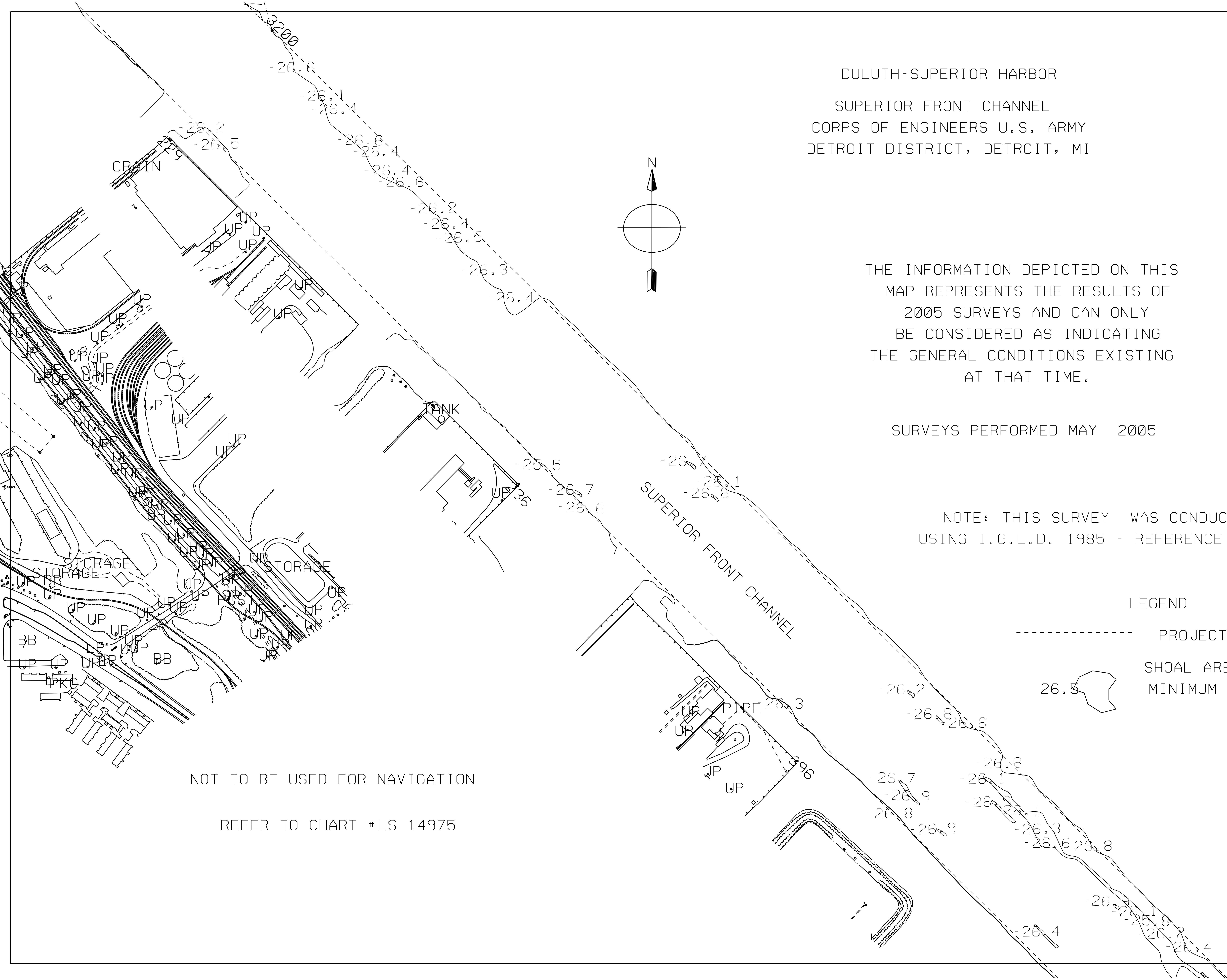
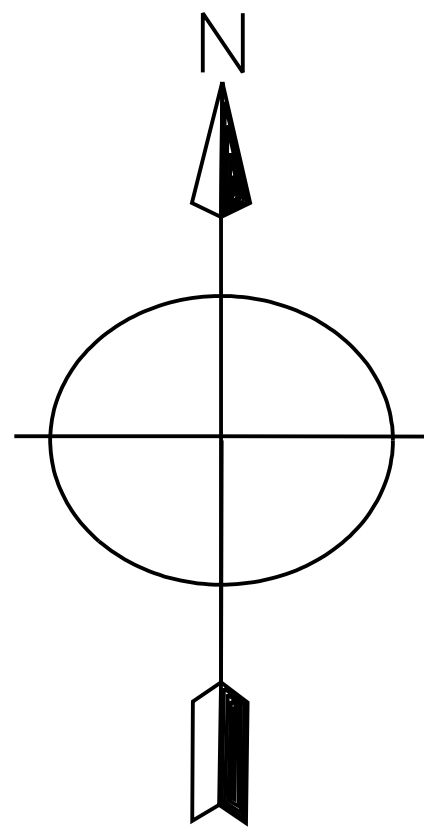
DULUTH-SUPERIOR HARBOR
SUPERIOR FRONT CHANNEL
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

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SURVEYS PERFORMED MAY 2005

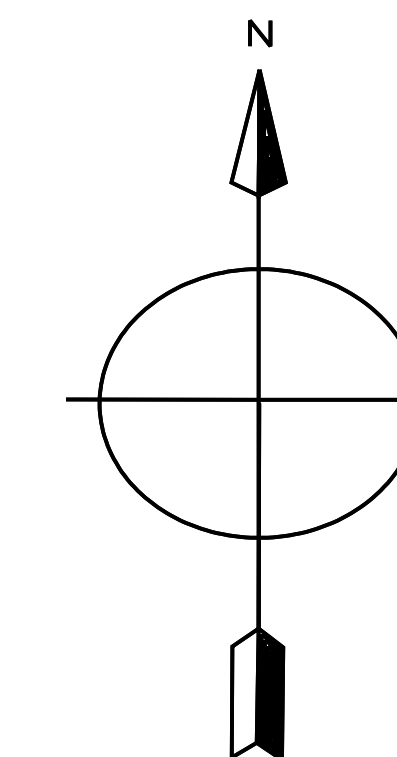
NOTE: THIS SURVEY WAS CONDUCTED
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- LEGEND
- PROJECT LINE
 - 26.5  SHOAL AREA AND MINIMUM DEPTH



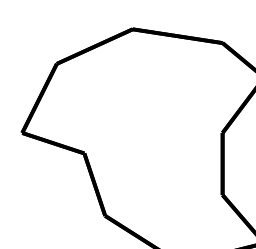
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DULUTH-SUPERIOR HARBOR
SUPERIOR FRONT CHANNEL
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI



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SURVEYS PERFORMED IN MAY 2005
PROJECT DEPTH 27.0 FT.

LEGEND

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SUPERIOR FRONT CHANNEL

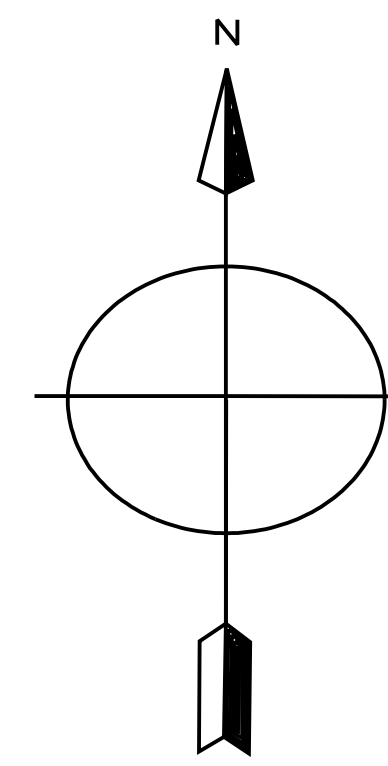
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DULUTH-SUPERIOR HARBOR

SUPERIOR HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI



SUPERIOR HARBOR BASIN

SUPERIOR
ANCHORAGE
AREA

LEGEND

----- PROJECT LINE

26.5  SHOAL AREA AND
MINIMUM DEPTH

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2004-2005 SURVEYS AND CAN ONLY
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SURVEYS PERFORMED OCT-NOV 2004 & MAY-AUG 2005

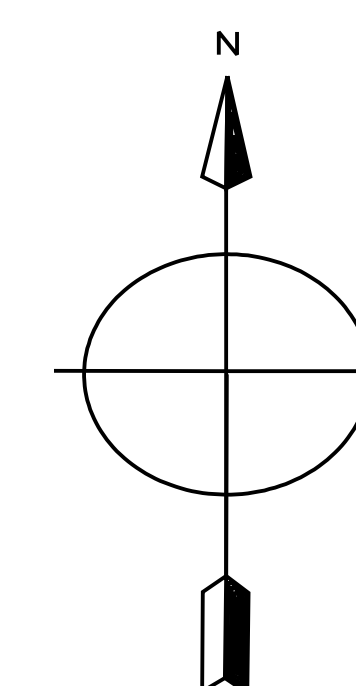
27.0 FT. PROJECT DEPTH

SUPERIOR HARBOR BASIN

6

NOTE: THIS SURVEY WAS CONDUCTED
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--- PROJECT LINE

SHOAL AREA AND
MINIMUM DEPTH

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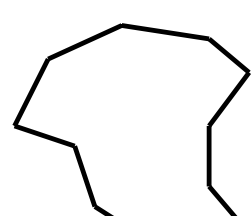
SURVEYS PERFORMED JULY - AUGUST 2005
PROJECT DEPTH 27.0 FT.

DULUTH-SUPERIOR HARBOR
ST. LOUIS BAY
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

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LEGEND

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26.5  SHOAL AREA AND
MINIMUM DEPTH

27.0 FT. PROJECT DEPTH

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SURVEYS PERFORMED JUNE - NOV. 2004
& JULY - AUG 2005

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CROSS CHANNEL

SOUTH CHANNEL
EASTERN SECTION

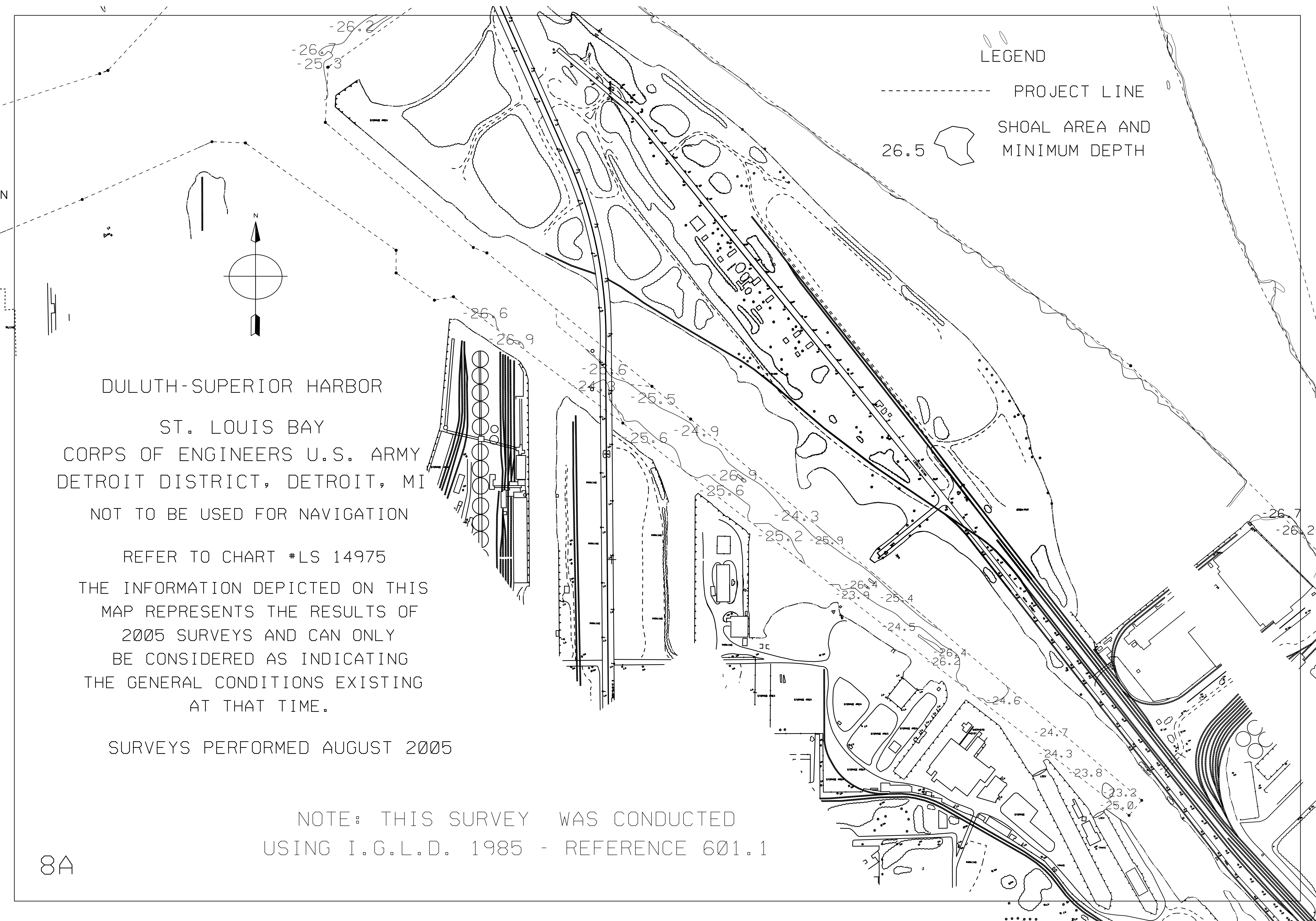
WEST GATE BASIN

DULUTH-SUPERIOR HARBOR
ST. LOUIS BAY
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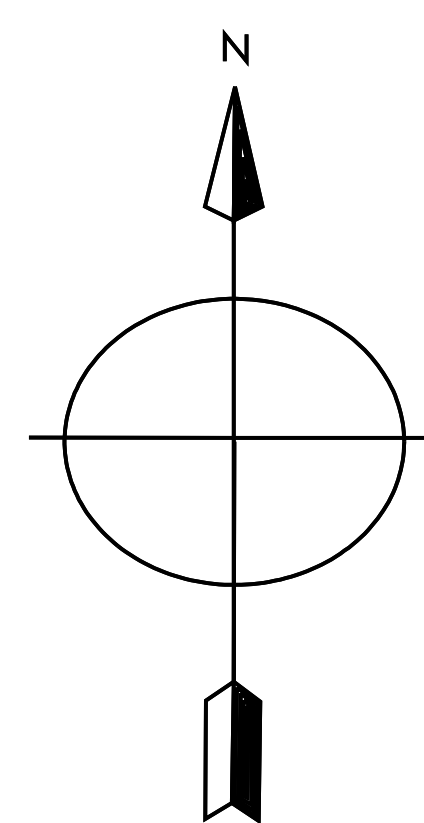
SURVEYS PERFORMED AUGUST 2005

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DULUTH-SUPERIOR HARBOR
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SURVEYS PERFORMED SEPT - OCT. 2004
AND SEPT 2005



SHOAL PILE AREA

-23.4

-25.8

-26.8

-25.0

-23.4

-26.5

-25.8

CROSS CHANNEL

-26.8

-24.3

-24.5

-23.5

-27.2

-22.7

-27.3

21.0 FT.
PROJ. DEPTH

27.0 FT.
PROJ. DEPTH

-27.5

-26.9

-27.3

-27.1

26.9

-27.0

-27.0

-27.4

-22.6

26.8

-27.3

-22.5

-22.7

21.8

-22.4

23.0 FT.
PROJ. DEPTH

-22.0

-22.5

-22.8

-22.7

-22.6

-22.8

-21.7

-22.8

-20.8

-20.4

-20.4

-20.6

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LEGEND

----- PROJECT LINE

26.5  SHOAL AREA AND
MINIMUM DEPTH

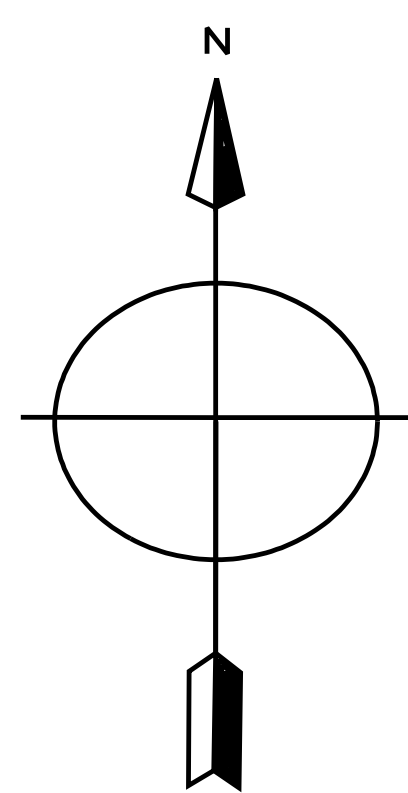
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DULUTH-SUPERIOR HARBOR

MINNESOTA & UPPER CHANNELS
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI



LEGEND

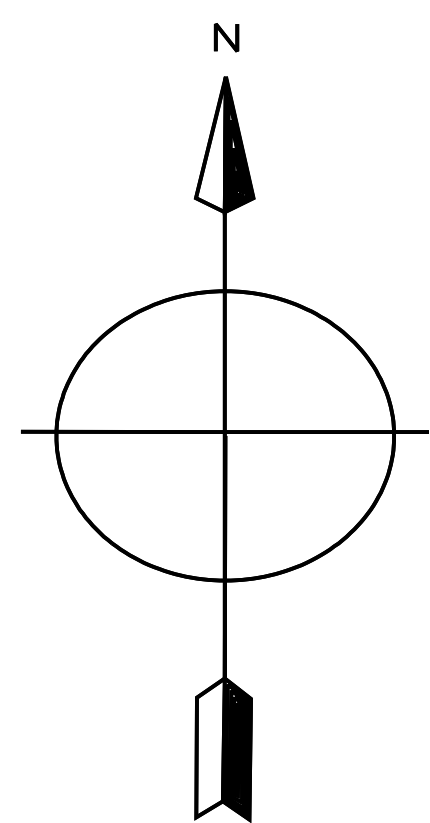
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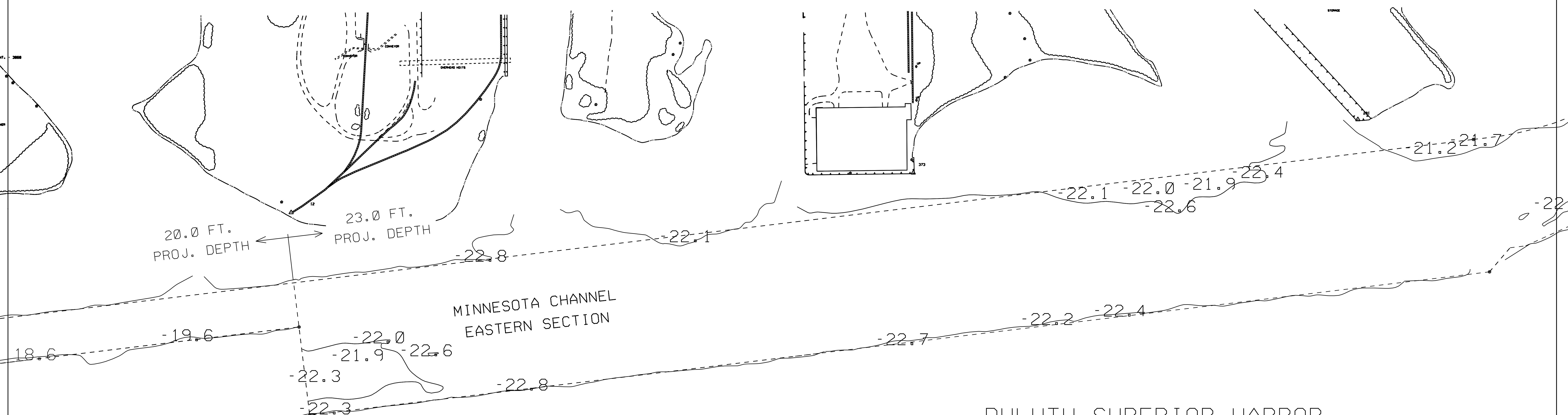
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SURVEYS PERFORMED SEPT-NOV. 2004
& SEPT. 2005



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SURVEYS PERFORMED OCTOBER 2004



LEGEND

----- PROJECT LINE

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DULUTH-SUPERIOR HARBOR

MINNESOTA CHANNEL
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

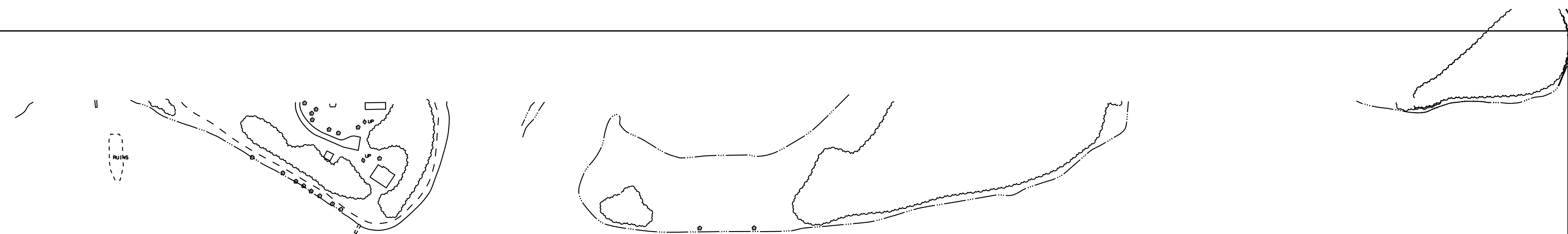
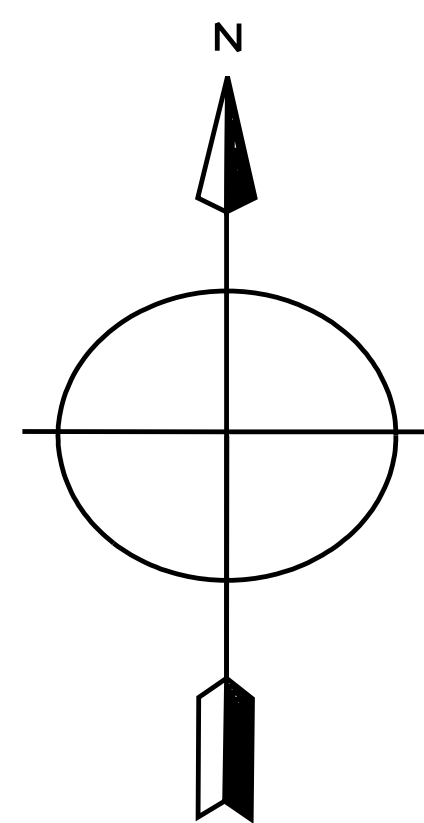
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DULUTH-SUPERIOR HARBOR

MINNESOTA & UPPER CHANNELS
CORPS OF ENGINEERS U.S. ARMY
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SURVEYS PERFORMED OCTOBER 1999

LEGEND

----- PROJECT LINE

26.5  SHOAL AREA AND
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MINNESOTA & UPPER CHANNELS
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